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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE Information Disclosure Statement by Applicant (Use several sheets if necessary) | ATTY. DOCKET NO. MAT-6280 | SERIAL NO 09/146,835 |
| | APPLICANT Masanori Ito et al. | |
| | FILING DATE September 3, 1998 | GROUP 2622 |

U.S. PATENT DOCUMENTS

| Exmr Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
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| <i>mlw</i> | 2001/0040684 | 11/15/01 | Takahashi (corresponds to JP 10-304187) | | | |
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| Exmr Initial | Document Number | Date | Country | Class | Sub Class | Translation YES NO |
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| <i>mlw</i> | 5-138977 | 06/08/93 | Japan (with English Abstract) | | | |
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(Including Author, Title, Date, Pertinent Pages, Etc.)

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| <i>mlw</i> | 1. | Official Japanese Action mailed on August 6, 2002 for JP Application No. 9-237999 |
| <i>mlw</i> | 2. | Official Japanese Action mailed on September 17, 2002 for JP Application No. 9-239347 |
| <i>mlw</i> | 3. | Official Japanese Action mailed on January 21, 2003 for JP Application No. 9-239347 |

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| Examiner MARK WALLERSON PRIMARY EXAMINER | Date Considered 3/5/03 |
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.